



Form PTO-1449 (Modified) INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Application No.	10/602,353
	Filing Date	June 23, 2003
	First Named Inventor	Kwok
	Group Art Unit	2816
	Examiner Name	Le, Dinh Thanh
Sheet 1 of 1	Attorney Docket No.	71748/7262

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
DL	AA		4,931,921		Anderson	06-05-1990			05-30-1989
DL	AB		5,434,522		Fikart et al.	07-18-1995			09-08-1993
DL	AC		6,348,830	B1	Rebeiz et al.	02-19-2002			05-08-2000

363/163
327/112
327/355

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DL	AD		Frequency Doublers, http://www.minicircuits.com/appnote/doub9-2.html , Mini-Circuits, printed October 25, 2001, Four (4) pages
DL	AE		HIRASUNA, BRIAN et al., #PSPA023: <i>Using Multipliers for Signal Processing</i> , http://www.pspice.com/upload/appnotes/PSPA023.html , printed November 29, 2001, Three (3) pages
DL	AF		IEEE Transactions on Circuits and Systems–I: Fundamental Theory and Applications, September 1992, p. 773, Vol. 39, No. 9
DL	AG		KIMURA, KATSUJI et al., <i>Frequency Mixer with a Frequency Doubler for Integrated Circuits</i> , IEEE Journal of Solid-State Circuits, September 1994, Vol. 29, No. 9, pp. 1133-1137
DL	AH		KIMURA, KATSUJI, <i>A Bipolar Four-Quadrant Analog Quarter-Square Multiplier Consisting of Unbalanced Emitter-Coupled Pairs and Expansions of Its Input Ranges</i> , IEEE Journal of Solid-State Circuits, January, 1994, p. 46, Vol. 29, No.1
DL	AI		LAUTE, DR. ANDREAS, <i>Upgrading a 434-MHz Transmitter IC to 868 MHz</i> , Applied Microwave & Wireless, July/August 1988, pp. 68, 70, 72-73

Examiner Signature		Date Considered	5/20/04
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			